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TMD Studies at JLab

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In recent years parton distributions, describing longitudinal momentum, helicity and transversity distributions of quarks and gluons, have been generalized to account also for transverse momentum distributions of partons, providing important information on the spin-orbit correlations of partons in the nucleon. Great progress has been made since then in measurements of different Single Spin Asymmetries (SSAs) in semi-inclusive processes providing access to Transverse Momentum Dependent (TMD) parton distributions. Different facilities world-wide including HERMES at HERA, CLAS and Hall-A at JLab and COMPASS at CERN have measurements of semi-inclusive processes as one of their main focuses of research. TMD studies are also becoming an important part of future Drell-Yan experiments at JPARC and GSI. SSA measurements performed at HERMES, COMPASS and CLAS with polarized beams and targets provide access to different combinations of TMDs allowing the separation of different contributions from global analysis of the data. In addition, measurements of spin-orbit correlations with different pseudoscalar mesons in a wide kinematical range provide sensitivity to flavor dependence of TMDs. In this talk we present an overview of the latest developments in studies of TMDs at JLab and discuss newly released results, ongoing activities, as well as planned near term and future measurements.